

JC02 Rec'd PCT/PTO 24 MAY 2005

PTO-1390 (Rev. 12-2004)

Approved for use through 3/31/2007. OMB 0651-0021

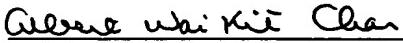
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 1075-PCT-US
INTERNATIONAL APPLICATION NO. PCT/IT2003/000317	INTERNATIONAL FILING DATE May 23, 2003	U.S. APPLICATION NO. (Unknown see 37 CFR 1.5) Not Yet Known 107536481
TITLE OF INVENTION METHOD AND DEVICE FOR IMAGE PROCESSING AND LEARNING WITH NEURONAL CULTURES		
APPLICANT(S) FOR DO/EO/US RUARO, et al.		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</p> <p>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>		
Items 11 to 20 below concern document(s) or information included:		
<p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A preliminary amendment.</p> <p>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input checked="" type="checkbox"/> Other items or information: PCT Notification Concerning Submission or Transmittal of Priority Document (PCT/IB/304), PCT/ISA/210 International Search Report; PCT International Preliminary Examination Report (PCT/IPEA/409); PCT Communication In Cases for Which No Other Form is Applicable (PCT/IB/345)</p>		

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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U.S. APPLICATION NO. (if known, see 37 CFR 1.5) Not Yet Known 10/536481		INTERNATIONAL APPLICATION NO. PCT/IT2003/000317		ATTORNEY'S DOCKET NUMBER 1075-PCT-US																					
21. The following fees are submitted:																									
<table border="1"> <tr> <td><input checked="" type="checkbox"/></td> <td>a) Basic national fee.....</td> <td>\$300.00</td> <td>Applicant use</td> <td>Office use only</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>b) Examination fee.....</td> <td>\$200.00</td> <td>\$ 300.00</td> <td></td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>c) Search fee.....</td> <td>\$500.00</td> <td>\$ 200.00</td> <td></td> </tr> <tr> <td colspan="3">TOTAL OF ABOVE CALCULATIONS = \$1000.00</td> <td>\$ 500.00</td> <td></td> </tr> </table>						<input checked="" type="checkbox"/>	a) Basic national fee.....	\$300.00	Applicant use	Office use only	<input checked="" type="checkbox"/>	b) Examination fee.....	\$200.00	\$ 300.00		<input checked="" type="checkbox"/>	c) Search fee.....	\$500.00	\$ 200.00		TOTAL OF ABOVE CALCULATIONS = \$1000.00			\$ 500.00	
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<input checked="" type="checkbox"/>	c) Search fee.....	\$500.00	\$ 200.00																						
TOTAL OF ABOVE CALCULATIONS = \$1000.00			\$ 500.00																						
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.																									
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE																						
- 100 =	/50 =		x \$250.00	\$																					
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).																									
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$																					
Total claims	7	- 20 = 0	x \$50.00	\$ 0																					
Independent claims	3	- 3 = 0	x \$200.00	\$ 0																					
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00	\$																					
TOTAL OF ABOVE CALCULATIONS = \$ 1000.00			\$ 1000.00	\$																					
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.																									
SUBTOTAL = \$ 500.00																									
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).																									
TOTAL NATIONAL FEE = \$ 500.00																									
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property																									
TOTAL FEES ENCLOSED = \$ 500.00																									
<table border="1"> <tr> <td>Amount to be refunded:</td> <td rowspan="2" style="background-color: #cccccc;"></td> <td>\$</td> </tr> <tr> <td>Amount to be charged</td> <td>\$</td> </tr> </table>						Amount to be refunded:		\$	Amount to be charged	\$															
Amount to be refunded:		\$																							
Amount to be charged		\$																							
a. <input checked="" type="checkbox"/> A check in the amount of \$ 500.00 to cover the above fees is enclosed.																									
b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.																									
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>50-1891</u> . A duplicate copy of this sheet is enclosed.																									
d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.																									
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.																									
SEND ALL CORRESPONDENCE TO:																									
Albert Wai-Kit Chan Law Offices of Albert Wai-Kit Chan, LLC World Plaza, Suite 604 141-07 20th Avenue Whitestone, New York 11357 Tel : 718-357-8836 Fax: 718-357-8615																									
 SIGNATURE Albert Wai-Kit Chan NAME 36,479 REGISTRATION NUMBER																									

10/536481

JC06 Rec'd PCT/PTO 24 MAY 2005

Dkt. #1075-PCT-US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : RUARO, et al.

U.S. Serial No. : Not Yet Known, corresponding to International Application No. PCT/IT2003/000317, filed May 23, 2003, which claims priority of Italian Application No. RM2002A000604, filed November 29, 2002

Filed Date : Herewith

For : METHOD AND DEVICE FOR IMAGE PROCESSING AND LEARNING WITH NEURONAL CULTURES

Law Offices of Albert Wai-Kit Chan, LLC
World Plaza, Suite 604
141-07 20th Avenue
Whitestone, NY 11357

May 24, 2005

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
Mail Stop Patent Application

Sir:

EXPRESS MAIL CERTIFICATE OF MAILING
IN CONNECTION WITH THE ABOVE-IDENTIFIED APPLICATION

"Express Mail" mailing label number: EV333074344US

Date of Deposit: May 24, 2005

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above and is addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, Mail Stop Patent Application.

Bibi Elisha Sakur
Printed Name: Bibi Elisha Sakur

Respectfully submitted,

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10/536481

JC06 Rec'd PCT/PTO 24 MAY 2005

Dkt. #1075-PCT-US

***Application
for
United States Letters Patent***

To all whom it may concern:

Be it known that **RUARO, Maria; BONIFAZI, Paolo and TORRE,
Vincent**

have invented certain new and useful improvements in

**METHOD AND DEVICE FOR IMAGE PROCESSING AND LEARNING WITH
NEURONAL CULTURES**

of which the following is a full, clear and exact
description.